Over the past few days we have studied the Periodic Table of the Elements. The information we can derive and the predictions we can make from this table will be the basis for our study of Chemistry. In fact, it was the first thing distributed to you in this course, there was a very good reason for this. Many people find its development and versatility the key to all of Chemistry. Some chemist even say “if you truly understand the Periodic Table, you understand all of chemistry”. As an individual project please explain the trends and information that allow scientists to view such a simple table as such a valuable tool.

Please limit yourself to no more than three double spaced typed pages.